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*Intellectual Property and Technology Related Causes***FACSIMILE TRANSMITTAL SHEET****Fax: (248) 223-9522**
Phone: (248) 223-9500**To: Examiner Christopher Upton**
Company: USPTO
Fax No.: 703-872-9310**OFFICIAL****From: Jeffrey J. Chapp**
Date: October 20, 2003**Your File No.:****Our Ref. No.: RTI 0102 PUS****Comments: Attached for filing is the response to the Action dated May 19, 2003, for Serial No. 10/047,873. Thank you.****Total Pages (incl. Cover sheet) 15**

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Jo Anne Croskey
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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL
for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**298.00****Complete if Known**

Application Number	10/047,873
Filing Date	January 14, 2002
First Named Inventor	A. Russell Schindler
Examiner Name	C. Upton
Art Unit	1724
Attorney Docket No.	RTI 0102 PUS

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
Deposit Account Name

50-0476

John A. Artz

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	210
1253 850	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1480 130	1480 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(g)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) **Fee Determination Record**

88

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

298

SUBMITTED BY

Name (Print/Type)	Jeffrey J. Chapp	Registration No. (Attorney/Agent)	50,579	Telephone	248-223-9500
Signature	<i>Jeffrey J. Chapp</i>	Date	10/20/2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 4081, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/06 (08-03)
Approved for use through 7/31/2006, OMB 0851-0032
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PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875

Application or Docket Number
RTI 0101 PUS

CLAIMS AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	
BASIC FEE (37 CFR 1.16(a))			
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	-	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 9 =	-	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
AMENDMENT A			
Total (37 CFR 1.16(c))	31	Minus 26	= 5
Independent (37 CFR 1.16(b))	4	Minus 3	= 1
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

(Column 1)	(Column 2)	(Column 3)
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	Minus	=
Independent (37 CFR 1.16(b))	Minus	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))		

SMALL ENTITY

RATE	FEE
	\$
X \$	=
X \$	=
+ \$	=
TOTAL	

OR

OTHER THAN SMALL ENTITY

RATE	FEE
	\$
X \$	=
X \$	=
+ \$	=
TOTAL	

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total (37 CFR 1.16(c))		Minus	=
Independent (37 CFR 1.16(b))		Minus	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

(Column 1)	(Column 2)	(Column 3)
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	Minus	=
Independent (37 CFR 1.16(b))	Minus	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))		

SMALL ENTITY

RATE	ADDITIONAL FEE
X \$ 9	= 45
X \$ 43	= 43
+ \$	=
TOTAL ADD'L FEE	88

OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total (37 CFR 1.16(c))		Minus	=
Independent (37 CFR 1.16(b))		Minus	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

(Column 1)	(Column 2)	(Column 3)
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	Minus	=
Independent (37 CFR 1.16(b))	Minus	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))		

SMALL ENTITY

RATE	ADDITIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X \$	=
X \$	=
+ \$	=
TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

A. Russell Schindler

Serial No.: 10/047,873

Group Art Unit: 1724

Filed: January 14, 2002

Examiner: Christopher Upton

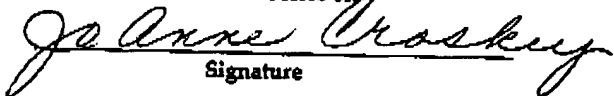
Title: MULTI-ARRAYED VACUUM RECOVERY METHOD AND
SYSTEM FOR GROUNDWATER WELLS

Atty. Docket No.: RTI 0102 PUS

I hereby certify that this correspondence is being transmitted via facsimile (703-872-9310) to
Examiner Christopher Upton with the United States Patent and Trademark Office on:

October 20, 2003
Date of Deposit

Jo Anne Croskey


Signature

AMENDMENT AND REQUEST FOR RECONSIDERATION

Mail Stop Non-Fee Amendment
Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant submits this Amendment and Request for Reconsideration in response to the non-final Office Action dated May 19, 2003. A petition for a two-month extension of time is attached herewith.